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Jul 1995

Page(s): 326 -330

[\[Abstract\]](#) [\[PDF Full-Text \(408 KB\)\]](#) **IEE CNF****2 Image watermarking-a spread spectrum application***Tirkel, A.Z.; Osborne, C.F.; Van Schyndel, R.G.;*Spread Spectrum Techniques and Applications Proceedings, 1996., IEEE 4th
International Symposium on , Volume: 2 , 22-25 Sept. 1996

Page(s): 785 -789 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) **IEEE CNF****3 An invisible watermarking technique for image verification***Yeung, M.M.; Mintzer, F.;*

Image Processing, 1997. Proceedings., International Conference on , 26-29 Oct.

Page(s): 680 -683 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(684 KB\)\]](#) **IEEE CNF****4 Color image embedding using multidimensional lattice structures***Chae, J.J.; Mukherjee, D.; Manjunath, B.S.;*

Image Processing, 1998. ICIP 98. Proceedings. 1998 International Conference o

Volume: 1 , 4-7 Oct. 1998

[\[Abstract\]](#) [\[PDF Full-Text \(2056 KB\)\]](#) **IEE JNL**

10 Embedded multilevel error diffusion

Goldschneider, J.R.; Riskin, E.A.; Ping Wah Wong;

Image Processing, IEEE Transactions on , Volume: 6 Issue: 7 , July 1997

Page(s): 956 -964

[\[Abstract\]](#) [\[PDF Full-Text \(220 KB\)\]](#) **IEEE JNL**

11 Pyramidal cells: a novel class of adaptive coupling cells and their applications for cellular neural networks

Dogaru, R.; Crounse, K.R.; Chua, L.O.;

Circuits and Systems I: Fundamental Theory and Applications, IEEE Transaction

Volume: 45 Issue: 10 , Oct. 1998

Page(s): 1077 -1090

[\[Abstract\]](#) [\[PDF Full-Text \(572 KB\)\]](#) **IEEE JNL**

12 Rate-scalable object-based wavelet codec with implicit shape coding

Kassim, A.A.; Lifeng Zhao;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 10 I , Oct. 2000

Page(s): 1068 -1079

[\[Abstract\]](#) [\[PDF Full-Text \(808 KB\)\]](#) **IEEE JNL**

13 Detecting LSB steganography in color, and gray-scale images

Fridrich, J.; Goljan, M.; Rui Du;

Multimedia, IEEE , Volume: 8 Issue: 4 , Oct.-Dec. 2001

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[\[Abstract\]](#) [\[PDF Full-Text \(656 KB\)\]](#) **IEEE CNF**

5 Exploiting the cross-correlation of RGB-channels for robust watermark color images

Piva, A.; Bartolinin, F.; Cappellini, V.; Barni, M.;

Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on

Volume: 1 , 1999

Page(s): 306 -310 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(404 KB\)\]](#) **IEEE CNF**

6 Luminance quasi-preserving color quantization for digital steganograph palette-based images

Niimi, M.; Noda, H.; Kawaguchi, E.; Eason, R.O.;

Pattern Recognition, 2002. Proceedings. 16th International Conference on , Volu

11-15 Aug. 2002

Page(s): 251 -254 vol.1

[\[Abstract\]](#) [\[PDF Full-Text \(314 KB\)\]](#) **IEEE CNF**

7 High capacity and secure digital steganography to palette-based imag

Niimi, M.; Noda, H.; Kawaguchi, E.; Eason, R.O.;

Image Processing. 2002. Proceedings. 2002 International Conference on , Volum

22-25 Sept. 2002

Page(s): II-917 -II-920 vol.2

[\[Abstract\]](#) [\[PDF Full-Text \(395 KB\)\]](#) **IEEE CNF**

8 Biometric identification system by lip shape

Gomez, E.; Travieso, C.M.; Briceno, J.C.; Ferrer, M.A.;

Security Technology, 2002. Proceedings. 36th Annual 2002 International Carnahan Conference on , 20-24 Oct. 2002

Page(s): 39 -42

[\[Abstract\]](#) [\[PDF Full-Text \(358 KB\)\]](#) **IEEE CNF**

9 Watermarking digital images for copyright protection

O'Ruanaidh, J.J.K.; Dowling, W.J.; Boland, F.M.;

Vision, Image and Signal Processing, IEE Proceedings- , Volume: 143 Issue: 4 , 1996

Page(s): 250 -256